

CP Cases “Racks” (19” Rack-mount Transit Cases) Comparison, Rotomolded vs. Aluminum

AMAZON Brand

Rotomolded polyethylene construction

4U to 14U sizes

Typical, 3" front and 5" rear lids

Wheels (2) included on 5" rear lid

Lifting/carrying handles are injection molded

Colors are molded-in and UV stabilized

Heavier than aluminum racks

Priced lower than aluminum racks

Various sizes regularly in inventory in Maryland

Generally, shorter lead time vs. aluminum racks

Many accessories available

Approx. 30 different rack sizes

ERACK Brand

Welded aluminum construction

2U to 16U sizes, plus custom sizes

Typical, 3" front and 3" rear lids

Wheels (4) available with optional wheelboard

Lifting/carrying handles are aluminum, black powder coated

Colors are via commercial grade powder coating

Lighter than rotomolded racks

Priced higher than rotomolded racks

Always built-to-order

Generally, longer lead time vs. rotomolded racks

Many accessories available (including RF/EMI shielding)

Approx. 40 different rack sizes

Both Lines:

Internal chassis depths: 19", 24", 29", 34" (and custom depths, with ERack)

Aluminum chassis (or stainless steel, when required)

Chassis suspended by 8 or 16 elastomeric anti-vibration mounts (AVMS)

Wire rope mounts available (when required)

Std. shock protection for payload weight to approx. 143 lbs.

Configurations available for heavy payloads to approx. 300 lbs.

Chassis is user-adjustable (plus or minus 1" from central position)

Slide-out chassis available (optional)

Rack fasteners included (cage nuts, machine screws, finishing washers)

Std. colors: Black, Olive Drab, Desert Tan, Gray

Pressure release valve included

Tested and certified to MIL-STD-810F

Highly resistant to impact, drop, shock, vibration, dust, dirt, sand, water and more

All-weather use (to IP65)

Corrosion-proof and stable in extreme temperatures (-40F to +158F)

Patented design

Positive stacking, aligning at front face of rack

Customizable

Various options available including air conditioning, humidity Indicator, storage pouches, support rails, shelves, drawers, tie-downs, lifting rings, padlockable latches, stainless steel handles, linking straps, insect hood, protective skirt, custom colors, custom labels and more.

Ideal for commercial and military applications



Typical Amazon Rotomolded Rack



Typical ERack Aluminum Rack

Designers & Manufacturers of High Performance Protective Cases

12010 Industrial Park Road, Unit 1, Bishopville, MD 21813

www.CPCASES.com

Phone: 410-352-9450 Email: sales.usa@cpcases.com